

PATENT

UTILITY PATENT APPLICATION TRANSMITTAL

(only for new non-provisional applications under 37 CFR §1.53(b))

17354 U.S. PRO
10/617498
07/11/03

Mail Stop Patent Application
Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application
under 37 CFR 1.53(b) of:

AVENTIS DOCKET NO.: **DEAV2002/0050 US NP**
INVENTORS: **Karl Schoenafinger et al**
TITLE: **HETEROCYCLICALLY SUBSTITUTED
BENZOYLUREAS, PROCESS FOR THEIR
PREPARATION AND THEIR USE AS
PHARMACEUTICALS**

I hereby certify that this correspondence is being
deposited with the United States Postal Service as
Express Mail in an envelope addressed to Mail Stop
Patent Application, Commissioner of Patents, P.O.
Box 1450, Alexandria, VA 22313-1450, on

7-11-2003

Date of Deposit

Genia Walker

Signature

EV105232154 US

Express Mail No.

APPLICATION ELEMENTS

- | | | | |
|--|---|--------------|-----------|
| 1. <input checked="" type="checkbox"/> | *Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> | Total Pages | 63 |
| 2. <input checked="" type="checkbox"/> | Specification <i>(preferred arrangement set forth below)</i> | Total Sheets | 63 |
| | - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure | | |
| 3. <input type="checkbox"/> | Drawing(s) (35 U.S.C. 113) | Total Sheets | 63 |
| 4. <input type="checkbox"/> | Oath or Declaration | Total Pages | 2 |
| a. <input checked="" type="checkbox"/> | Newly <u>UNEXECUTED</u> | | |
| b. <input type="checkbox"/> | Copy from a prior application (37 CFR § 1.63(d)) | | |
| i. <input type="checkbox"/> | <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b). | | |
| 5. <input type="checkbox"/> | Power of Attorney | Total Pages | 2 |
| a. <input type="checkbox"/> | Newly executed (original or copy) | | |
| b. <input type="checkbox"/> | Copy from a prior application (37 CFR § 1.63(d)) | | |
| 6. <input type="checkbox"/> | Microfiche Computer Program (Appendix) | | |

7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- Computer Readable Copy
 - Paper Copy (identical to computer copy)
 - Statement verifying identity of above copies

If a **CONTINUING Application**, check appropriate box, and supply the requisite information:

Continuation Divisional Continuation-in-part

of prior application no: _____, filed _____

Examiner _____, Group/Art Unit _____.

(The cross reference has been/will be inserted on page one of the specification).

This application claims the benefit of U.S. Provisional Application No. 60/430,782, filed December 4, 2002 and German Application No. 10231627.9 , filed July 12, 2002 and German Application No. 10306503.2, Filed February 17, 2003 and German Application 10320326.5, filed May 6, 2003 . (The cross reference has been/will be inserted on page one of the specification).

Incorporation By Reference (useable if filing a continuation/divisional and a copy of the declaration from the prior application is enclosed.)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

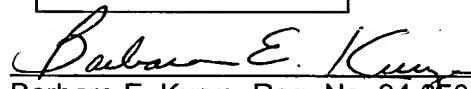
ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (*cover sheet & document(s)*)
8. 37 CFR §3.73(b) Statement
(when there is an assignee)
9. Verified English Translation Document (*if applicable*)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. *Small Entity Statement(s) Statement filed in prior application,
(PTO/SB/09-12) Status still proper and desired
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other: E-Pave Application Data Sheet

CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label




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Attorney/Agent for Applicant

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Aventis Docket No. DEAV2002/0050 US NP

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

13408 US
07/11/03

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

Complete if Known

| | |
|----------------------|--------------------------|
| Application Number | NOT YET ASSIGNED |
| Filing Date | FILED HEREWITH |
| First Named Inventor | Karl Schoenafinger et al |
| Examiner Name | |

Group / Art Unit

DEAV2002/0050 US NP

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Other None
 Order
 Deposit Account

Deposit Account Number **18-1982**

Deposit Account Name **Aventis Pharmaceuticals Inc.**

The Commissioner is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) during the pendency of this application
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|-----------------|----------|
| Fee Code | Fee Code | (\\$) | (\\$) |
| 1001 | 2001 | 750 | 375 |
| 1002 | 2002 | 330 | 165 |
| 1003 | 2003 | 520 | 260 |
| 1004 | 2004 | 750 | 375 |
| 1005 | 2005 | 160 | 80 |
| SUBTOTAL (1) | | (\$750) | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims | 15 | -20**= 0 | x 18 = 0 |
| Independent Claims | 1 | - 3**= 0 | x 84 = 0 |
| Multiple Dependent | | | = 0 |

| Large Entity | Small Entity | Fee Description |
|---------------------|--------------|-----------------|
| Fee Code | Fee Code | (\\$) |
| 1202 | 2202 | 18 9 |
| 1201 | 2201 | 84 42 |
| 1203 | 2203 | 280 140 |
| 1204 | 2204 | 84 42 |
| 1205 | 2205 | 18 9 |
| SUBTOTAL (2) | | (\$0.00) |

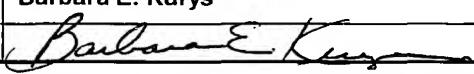
*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|-----------------|--|
| Fee Code | Fee Code | (\\$) | (\\$) |
| 1051 | 2051 | 130 65 | Surcharge - late filing fee or oath |
| 1052 | 2052 | 50 25 | Surcharge - late provisional filing fee or cover sheet |
| 1053 | 1053 | 130 | Non-English Specification |
| 1812 | 1812 | 2,520 2,520 | For filing a request for reexamination |
| 1804 | 1804 | 920* 920* | Requesting publication of SIR prior to Examiner action |
| 1805 | 1805 | 1,840* 1,840* | Requesting publication of SIR after Examiner action |
| 1251 | 2251 | 110 55 | Extension for reply within first month |
| 1252 | 2252 | 410 205 | Extension for reply within second month |
| 1253 | 2253 | 930 465 | Extension for reply within third month |
| 1254 | 2254 | 1,450 725 | Extension for reply within fourth month |
| 1255 | 2255 | 1,970 985 | Extension for reply within fifth month |
| 1401 | 2401 | 320 160 | Notice of Appeal |
| 1402 | 2402 | 320 160 | Filing a brief in support of an appeal |
| 1403 | 2403 | 280 140 | Request for oral hearing |
| 1451 | 1451 | 1,510 1,510 | Petition to institute a public use proceeding |
| 1452 | 2452 | 110 55 | Petition to revive - unavoidable |
| 1453 | 2453 | 1,300 650 | Petition to revive - unintentional |
| 1501 | 2501 | 1,300 650 | Utility issue fee (or reissue) |
| 1502 | 2502 | 470 235 | Design issue fee |
| 1503 | 2503 | 630 315 | Plant issue fee |
| 1460 | 1460 | 130 | Petitions to the Commissioner |
| 1807 | 1807 | 50 | Petitions related to provisional applications |
| 1806 | 1806 | 180 | Submission of Information Disclosure Stmt |
| 8021 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 2809 | 750 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 2810 | 750 375 | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 2801 | 750 375 | Request for Continued Examination (RCE) |
| 1802 | 1802 | 900 | Request for expedited examination of a design application |
| Other fee (specify) | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY****Complete (If applicable)**

| | | | | | |
|-------------------|---|-----------------------------------|--------|---------------|----------------|
| Name (Print/Type) | Barbara E. Kurys | Registration No. (Attorney/Agent) | 34,650 | Telephone | (908) 231-2965 |
| Signature |  | | Date | July 11, 2003 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Aventis Pharmaceuticals Inc. template